

<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>				Docket Number (Optional) <b>MM4646</b>		Application Number <b>To be advised</b>		
				Applicant(s) <b>Manabu TAKEUCHI, et al</b>		Filing Date <b>Concurrently Herewith</b>		Group Art Unit
<b>U.S. PATENT DOCUMENTS</b>								
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<b>FOREIGN PATENT DOCUMENTS</b>								
REF	DOCUMENT NUMBER	DATE	COUNTRY		CLASS	SUBCLASS	Translation	
							YES	NO
	<b>5-121492</b>	<b>05/15/93</b>	<b>JAPAN with English Abstract</b>					
	<b>63-160239</b>	<b>07/04/88</b>	<b>JAPAN with English Abstract</b>					
	<b>6-104679</b>	<b>04/15/94</b>	<b>JAPAN with English Abstract</b>					
	<b>8-79002</b>	<b>03/22/96</b>	<b>JAPAN with English Abstract</b>					
	<b>10-32455</b>	<b>02/03/98</b>	<b>JAPAN with English Abstract</b>					
<b>OTHER DOCUMENTS</b> <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>								
		Japanese Utility Model Publication No. 4-3281 in Japanese only, 3 pages in total						
		Japanese Utility Model Laid Open No. 6-81139 in Japanese only, 4 pages front and back in total						
<b>EXAMINER</b>				<b>DATE CONSIDERED</b>				

